

FIG. 1

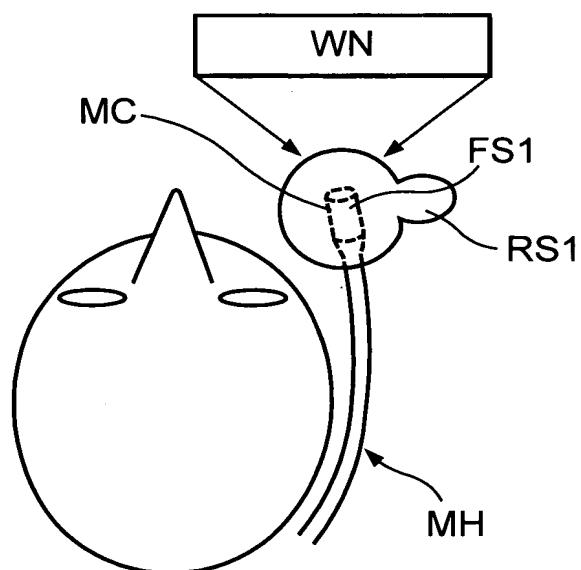
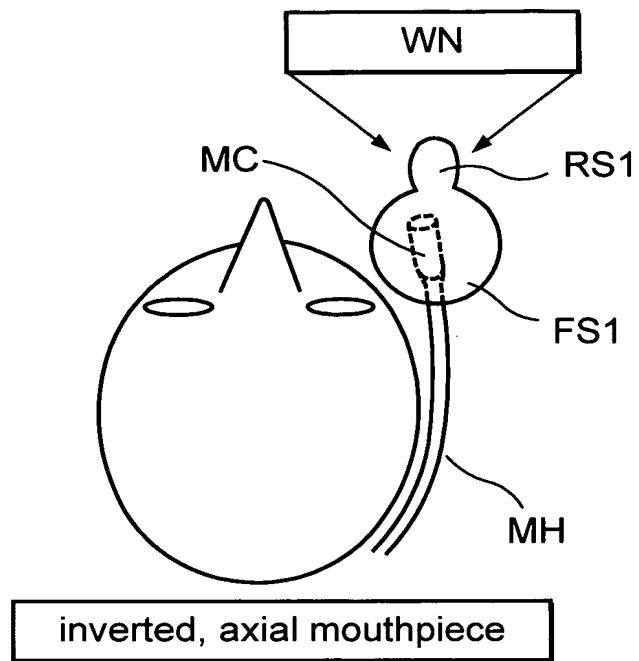
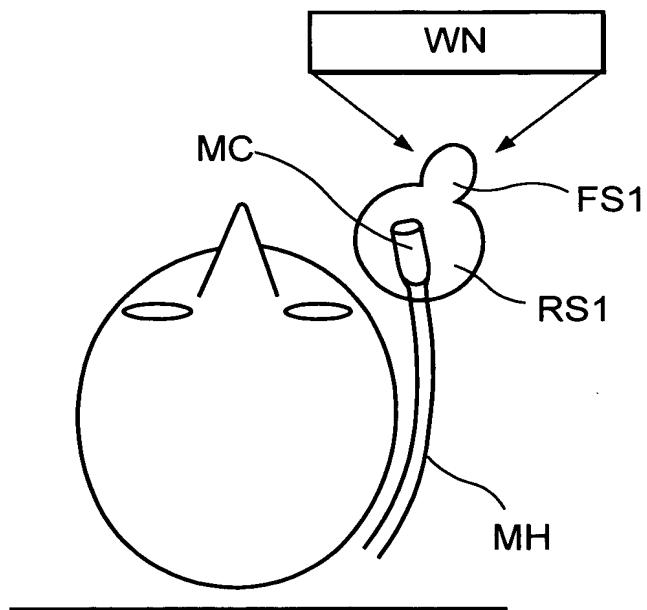


FIG. 2



F I G. 3



F I G. 4

inverted, axial mouthpiece
with acoustic decentring

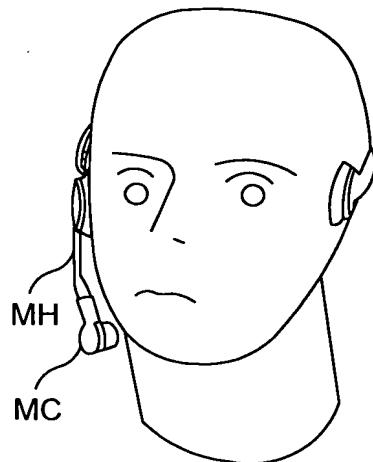


FIG. 5a

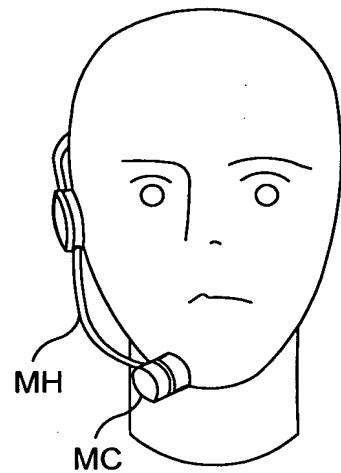


FIG. 5b

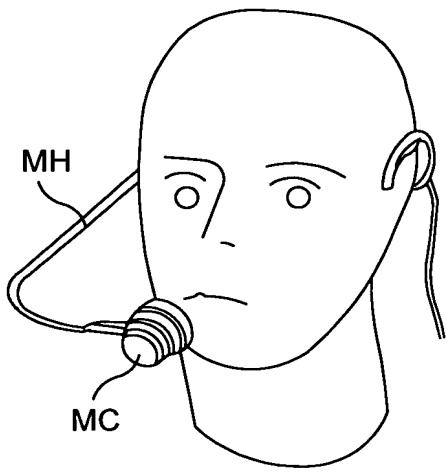


FIG. 5c

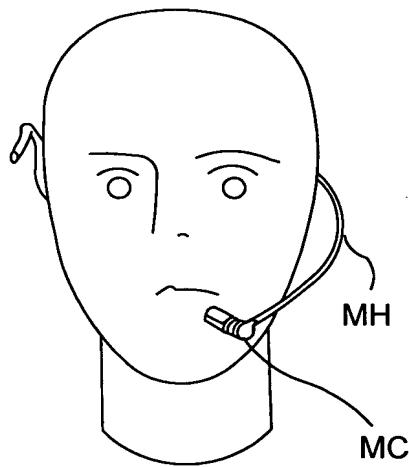


FIG. 5d

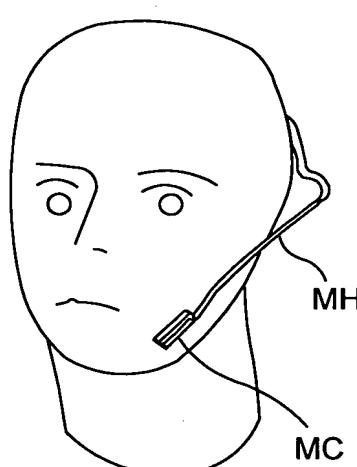


FIG. 5e

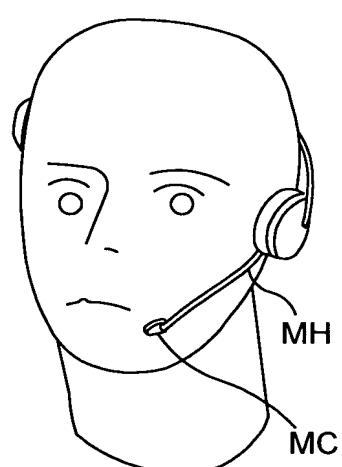
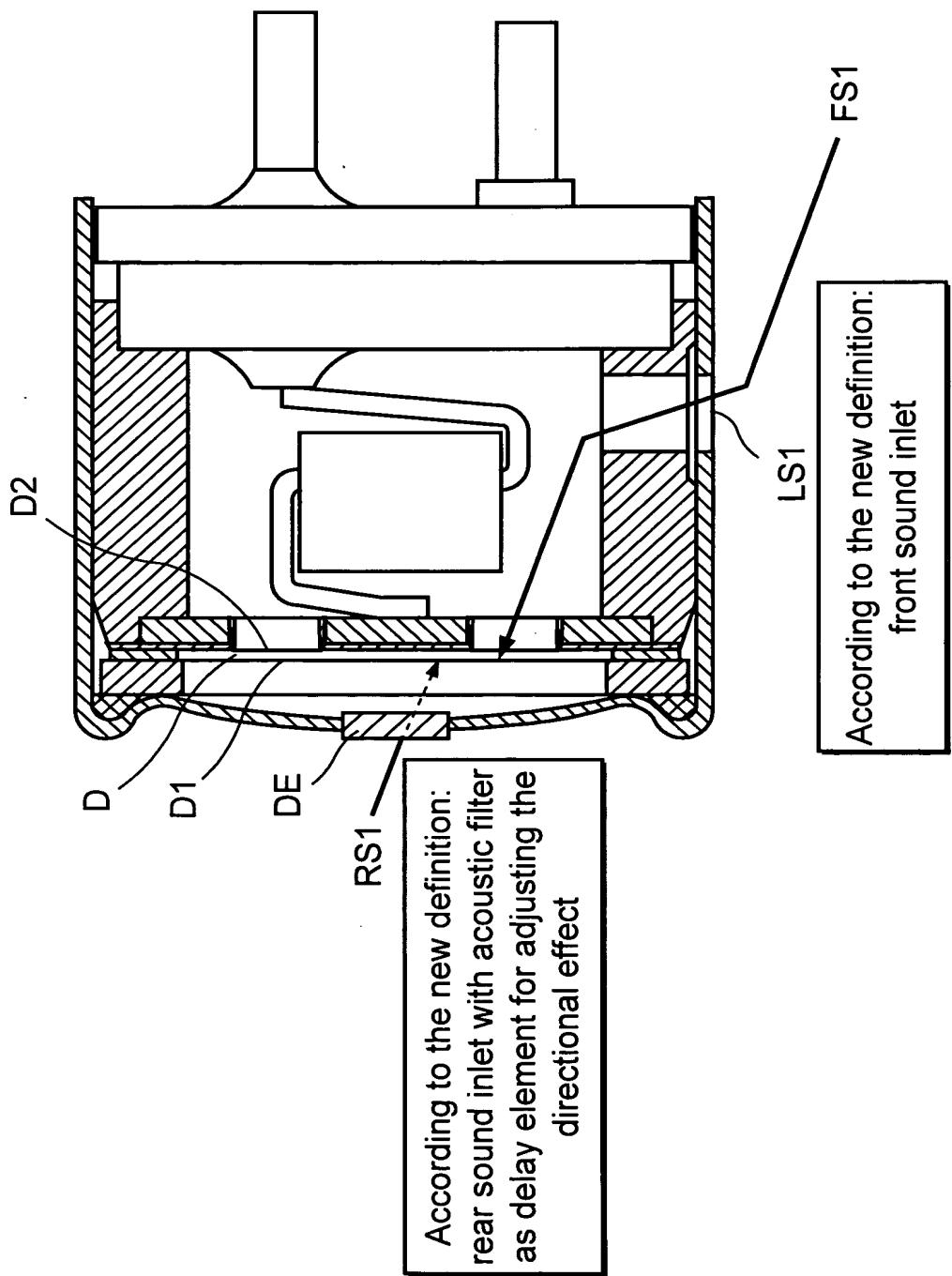


FIG. 5f
(according to
invention)



F I G. 6

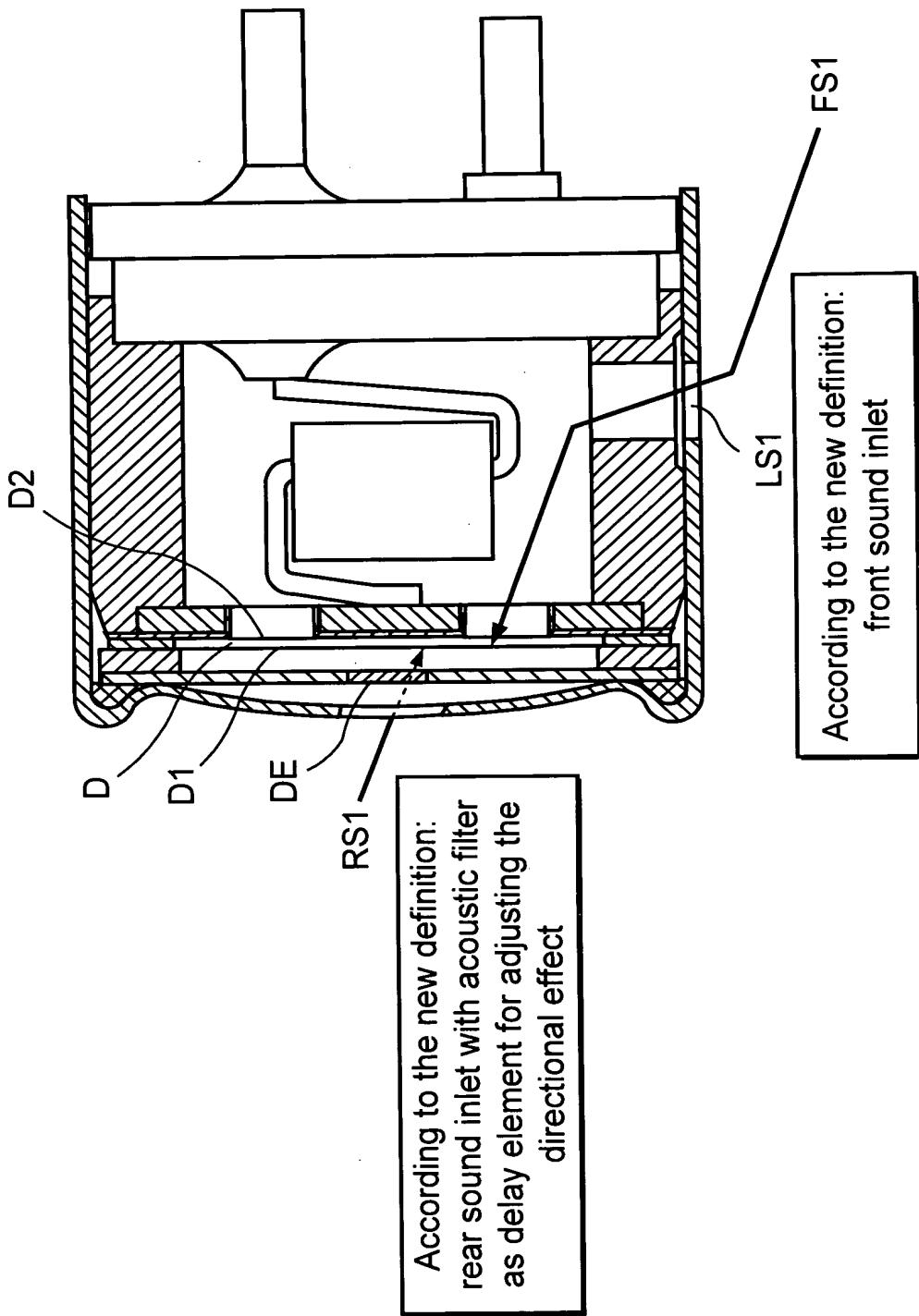


FIG. 7

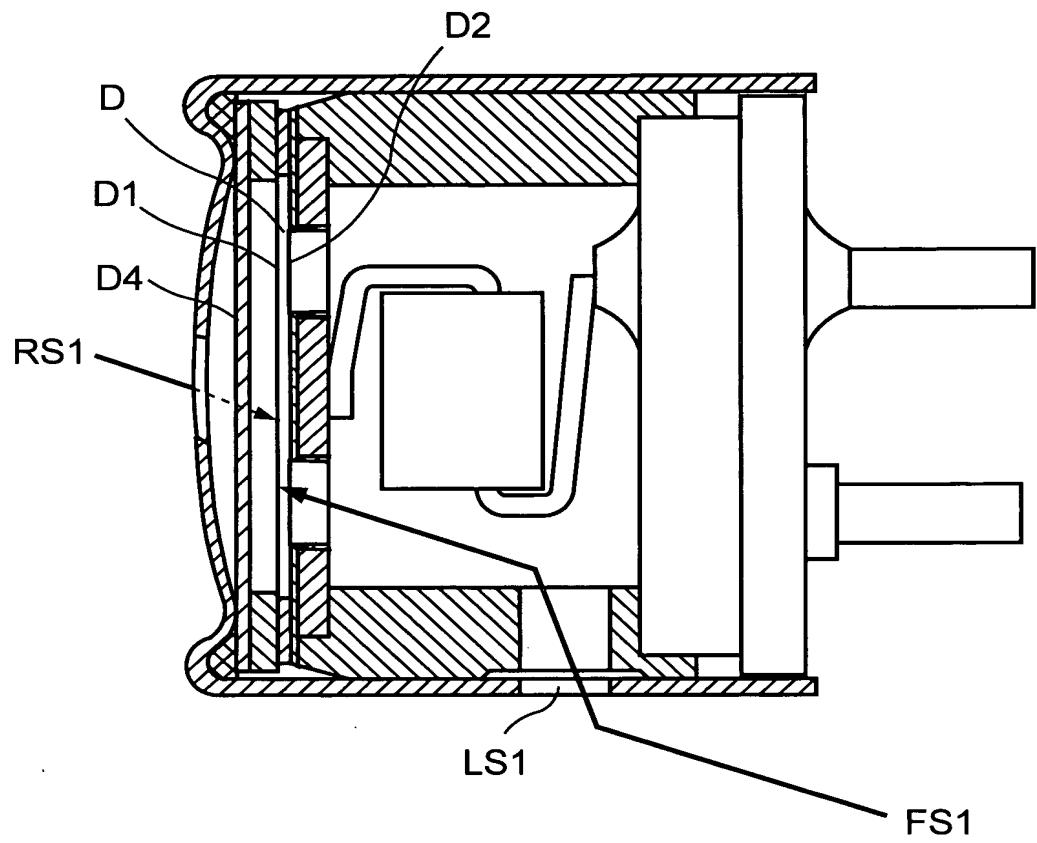
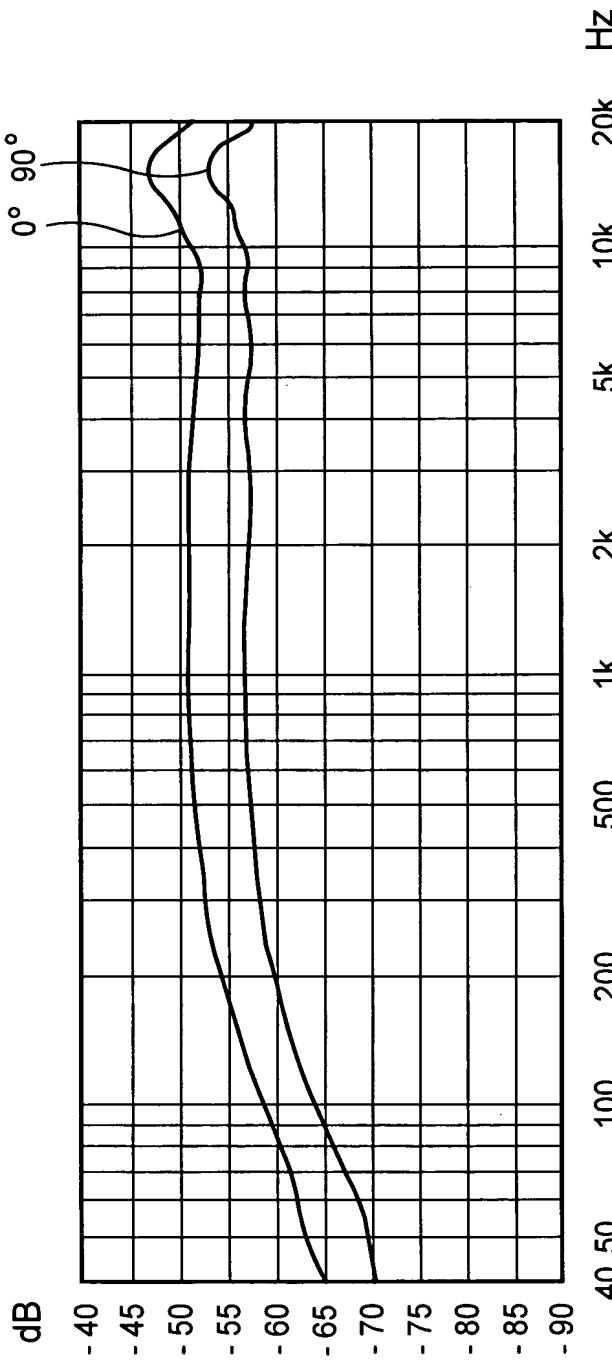


FIG. 8

Frequency response of the trial pattern of 21.8.2002



upper curve: 0° frequency response

lower curve: 90° frequency response

extensive frequency response

0 and 90 frequency response run roughly parallel up to 20 kHz
good directional effect over the entire transmission range

F I G. 9